

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

**Complete if Known**

Application Number	10/659,664
Filing Date	September 10, 2003
First Name Inventor	Binggeli
Group Art Unit	
Examiner Name	
Attorney Docket Number	21322 US

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

Examiner Initials'	Cite No.'	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY
		Number	Kind Code <sup>3</sup> (if known)		
Y0	A1	5,856,529		Bristol-Myers Squibb Company	01/05/1999
	A2	6,121,397		Xerox Corporation	09/19/2000
	A3	5,089,514		Bernard Hulin	02/18/1992
	A4	4,011,326		Jensen	03/08/1977
	A5	6,291,685		Junghans, et. al.	09/18/2001
	A6	6,441,185		Kühnle, et. al.	08/27/2002
	A7	5,599,826		Mertens, et. al.	02/04/1997
	A8	4,598,089		Hadvary, et. al.	07/01/1986
✓	A9	6,004,996		Shah, et. al.	12/21/1999

**FOREIGN PATENT DOCUMENTS**

Examiner Initials'	Cite No.'	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
Y0	B1	EP 1 078 923			F. Hoffmann-La Roche A.G.	02/28/2001	
	B2	EP 0903343			SSP Co., Ltd.	03/24/1999	
	B3	EP 185,359			F. Hoffmann-La Roche A.G.	06/25/1986	
	B4	EP 189,577			F. Hoffmann-La Roche A.G.	08/06/1986	
	B5	EP 443,449			F. Hoffmann-La Roche A.G.	08/28/1991	
	B6	EP 524,495			F. Hoffmann-La Roche & Co.	01/27/1993	
	B7	WO 99/10339			Pfizer Products Inc.	03/04/1999	
	B8	WO 02 16331			Eli Lilly & Company	02/28/2002	
	B9	WO 00 08002			Glaxo Group Limited	02/17/2000	X
	B10	WO 91/19702			Pfizer Inc.	12/26/1991	
	B11	WO 94/01420			Smithkline Beecham PLC.	01/20/1994	
	B12	WO 94/13650			Smithkline Beecham PLC.	06/23/1994	
	B13	WO 95/17394			Smithkline Beecham PLC	06/29/1995	
	B14	WO 97/25042			Smithkline Beecham PLC	07/17/1997	
✓	B15	WO 99/08501			Dr. Reddy's Research Foundation	02/25/1999	

70	B16	WO 00/09122	F. Hoffmann-La Roche AG	02/24/2000	
	B17	WO 00/09123	F. Hoffmann-La Roche AG	02/24/2000	
	B18	WO 0100603	Glaxo Group Limited	01/04/2001	
	B19	WO 03/053976	Biovit-rum AB	07/03/2003	
✓	B20	WO 03/004458	Biovit-rum AB	01/16/2003	
Examiner Signature		Date Considered T. A. Solola		11/10/04	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation or abstract is attached.



Substitute for form 1449A/PTO		Complete if Known	
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		Examiner Name	
		Attorney Docket Number	21322 US
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published	T <sup>2</sup>
YD	C1	Keller and Wahli: Trends Endocrin. Metab. (1993); 4:291-296	
	C2	MacDougald and Lane: Current Biology Vol. 5 pp. 618-621 (1995)	
	C3	Guerre-Millo, et. al.; J Biol Chem 2000; 275: 16638-16642	
	C4	Balfour, et. al.; Drugs 57 (1999) 921-930	
	C5	Haigh et. al., Tetrahedron: Asymmetry, 10, pp. 1353-1367 (1999)	
	C6	Gotteland et al., Synlett, 9 pp. 931-932 (1995)	
	C7	Hulin et al., J. Med. Chem., 39, pp. 3897-3907 (1996)	
	C8	Nicolaou et al., J. Am. Chem. Soc., 122, pp. 3830-3838 (2000)	
	C9	Nichols et al., Anal. Biochem., 257, pp. 112-119 (1998)	
	C10	Einsiedel et. al., Bioorg. Med. Chem. Lett., 10, pp. 2041-2044 (2000)	
	C11	Goto et al., Chem. Pharm. Bull., 19, pp. 2050-2057 (1971)	
	C12	Reichstein et al., Helvetica Chimica Acta, 16, pp. 121-129 (1933)	
	C13	Diels et al., chem.. Ber., 48, pp. 897-905 (1915)	
	C14	Wightman et al., J. Org. chem., 43, pp. 2167-2170 (1978)	
	C15	Musser et al., J. Med. Chem. 30, pp. 62-67 (1987)	
	C16	Rahman et al., J. Chem. Soc. Perkin Trans. 1, 12, pp. 2973-2977 (1983)	
	C17	Kelly et. al., J. Am. Chem. Soc., 110, pp. 6471-6480 (1988)	
	C18	Kneen et al., Synthetic Communications, 16, pp. 1635-1640 (1986)	
	C19	Kim et al., Can. J. Chem., 60, pp. 2093-2098 (1982)	
	C20	Parkanyi et al., Monatsh. Chem., 123, pp. 637-645 (1992)	
	C21	STN International @ CAPLUS Database, Accession No. 2000; 117035; Collins et al., WO 2000008002, abstract	
	C22	Malamas, MS et al, Eur. J. Med. Chem. Vol. 36, No. 1 (2001) pp. 31-42	
	C23	Hulin, B. et al., Current Pharmaceutical Design, Vol.2 (1996) pp. 85-102	
	C24	Oplinger, et. al., ACS National Meeting, San Diego, April 1-5, 2001, Poster 238, Division of Medicinal Chemistry, Section C	
	C25	Gustavsson, et. al., Chemical Abstracts, Vol. 138, No. 106,504 (2003)	
Examiner Signature	T. A. Solola		DATE CONSIDERED
			11-10-04

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>1</sup>United Nations Classification Scheme for Applications.  
<sup>2</sup>Unique citation designation number. <sup>3</sup>See attached Kinds of U.S. Patent Documents. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation or abstract is attached.

